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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/896,584	06/29/2001	Chung-Sheng Li	YOR920010407US1	7893
7590 Ryan, Mason & Lewis, LLP 90 Forest Avenue Locust Valley, NY 11560		09/25/2007	EXAMINER SHEIKH, ASFAND M	
			ART UNIT 3627	PAPER NUMBER
			MAIL DATE 09/25/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/896,584	LI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Asfand M. Sheikh	3627	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 28 August 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-4, 7-9, 13, 15-18, 21-23, 25 and 26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4, 7-9, 13, 15-18, 21-23, 25 and 26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                                            |                                                                                         |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____                                                |

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**DETAILED ACTION**

***Response to Amendment***

The evidence filed on 28 August 2007 under 37 CFR 1.131 is sufficient to overcome the Neumayer reference. The finality of final office action of the application mailed on 07 May 2007 is withdrawn.

The examiner notes claims 1-4, 7-9, 13, 15-18, 21-23, 25, and 26 are pending for examination. The examiner established new grounds of rejection. This office action is made non-final.

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claim 1-4, 7-9, 13, 15-18, 21-23, 25, and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Salvo et al. United States Patent 5,749,081 (hereinafter Salvo) in view of Shkedy United States Patent 6,260,024.

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As per claim 1, Salvo discloses at least one broker device automatically collecting information relating to a status associated with at least one inventory item from one or more sources (col. 3, lines 52-55 and col. 4, lines 32-41), the at least one broker device automatically accessing at least one inventory price source in order to: (1) obtain information to determine one or more optimal parameters, based on the collected status information, to be used for replenishing the at least one inventory item (col. 3, lines 57-62 and col. 6, lines 7-49); and information related to an order of the inventory item from the provider of the inventory (col. 5, lines 7-10 and col. 7, lines 23-54); aggregating and deaggregating order information related to an inventory item (col. 6, lines 47-62).

Salvo fails to explicitly disclose an electronic market place wherein the electronic market place comprises an electronic trading network site; ordering a quantity of inventory via the electronic market place; and the at least one broker device one of aggregating and deaggregating multiple orders for the inventory as to minimize an overall purchasing cost attributable to the multiple orders.

However Shkedy discloses an electronic market place wherein the electronic market place comprises an electronic trading network site (col. 3, lines 39-56); ordering a quantity of

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inventory via the electronic market place (col. 5, lines 7-16); and a broker device one of aggregating and deaggregating, multiple orders for the inventory as to minimize an overall purchasing cost attributable to the multiple orders (col. 4, lines 48-59 and col. 8, lines 50-54).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Salvo to include an electronic market place wherein the electronic market place comprises an electronic trading network site; ordering a quantity of inventory via the electronic market place; and a broker device one of aggregating and deaggregating multiple orders for the inventory as to minimize an overall purchasing cost attributable to the multiple orders as taught by Shkedy. One of ordinary skill in the art would have been motivated to combine the teachings in order to aggregate purchase orders to potential sellers to bid on for the best price (Shkedy, col. 3, lines 1-5 and col. 8, lines 50-54).

As per claims 2, Salvo discloses the electronic market place accessing step further comprises monitoring at least one of pricing and supply trends associated with at least one electronic marketplace on the at least one inventory item (col. 6, lines 11-19).

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As per claims 3, Salvo discloses the one or more optimal parameters comprise an optimal time to acquire the at least one inventory item via the at least one electronic marketplace (col. 6, lines 41-43).

As per claims 4, Salvo discloses the one or more optimal parameters comprise an optimal quantity of the at least one inventory item to acquire via the at least one electronic marketplace (col. 6, lines 32-34 and lines 47-63).

As per claims 7, Salvo discloses the step of automatically generating an alert to an individual that an order may need to be placed for the at least one item (col. 8, lines 51-55).

As per claims 8, Salvo discloses the step of automatically collecting information further comprises collecting usage pattern information associated with the at least one item (col. 10, lines 9-19).

As per claims 9, Salvo discloses the step of accessing the at least one electronic marketplace further comprises gather information on a market condition associated with the at least one inventory item (col. 6, lines 11-19).

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As per claim 13, Salvo discloses wherein the one or more sources comprise an embedded sensor system (col. 4, lines 32-33).

As per claims 15-18 and 21-23, the Examiner notes that the limitations of claims 15-18 and 21-23 are substantially similar to those of claims 1-4, 9, and 13. Thus claims 15-18 and 21-23 are rejected under similar grounds.

As per claims 25 and 26, the Examiner notes that the limitations of claims 25 and 26 are substantially similar to those of claims 1-4, 7-9, and 13. Thus claims 25 and 26 are rejected under similar grounds.

3. Claims 10 and 24 rejected under 35 U.S.C. 103(a) as being unpatentable over Salvo et al. United States Patent 5,749,081 (hereinafter Salvo) in view of Shkedy United States Patent 6,260,024 as applied to claims 1 and 15 above, and further in view of White's U.S. Pat. 5,749,081.

As per claims 10 and 24, Salvo in view of Shkedy fails to disclose the step of automatically generating a recommendation of at least one of a different brand and different type of an item to a consumer of the inventory.

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However Whiteis discloses the step of automatically generating a recommendation of at least one of a different brand and different type of an item to a consumer of the inventory (col. 3, lines 12-23).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Salvo in view of Shkedy to include the step of automatically generating a recommendation of at least one of a different brand and different type of an item to a consumer of the inventory as taught by Whiteis. One of ordinary skill in the art would have been motivated to combine the teachings in order to provide an accurate and subjective recommendation (Whiteis, col. 1, lines 64-67 and col. 2, lines 1-16).

#### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Walker et al. United States Patent - 6,418,415.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asfand M. Sheikh whose telephone number is (571) 272-1466. The examiner can normally be reached on M-F 8a-4:30p.



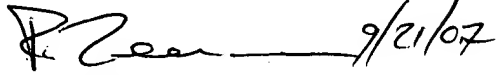
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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ryan M. Zeender can be reached on (571) 272-6790. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Asfand M Sheikh  
Examiner  
Art Unit 3627

ams  
18 Sept 2007

 9/21/07  
F. RYAN ZEENDER  
SUPERVISORY PATENT EXAMINER